# **Assessment rubric**

# **Year 4 – Data logging**

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| **Pupil:** |  | **Teacher:** |  | **Date:** |  |

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|  | **Emerging [1]** | **Expected [2]** | **Exceeding [3]** | **Score** |
| **Asking questions** | * Suggests what topic they want to ask a question about * Chooses a relevant question that can be answered using a data logger | * Suggests questions that require data from at least one sensor to answer them * Suggests questions that require data to be collected over time to answer them | * Suggests questions that require data from more than one sensor and/or time frame to answer them |  |
| **Collecting data** | * Identifies what time of day they need to collect data * Chooses the most relevant place a data logger could be set up | * Identifies a suitable time frame to collect data to answer their question * Identifies where the data logger needs to be placed to answer their question * Identifies which sensor(s) needs to be used to answer their question | * Suggests the time frame that will offer the most varied data * Evaluates the most effective place to collect data |  |
| **Viewing data** | * Uses software to view collected data * Recognises some data points in their data | * Uses software to view relevant data * Recognises how some data points are different | * Uses zoom features to look at sections of data more closely * Describes the differences in data points |  |
| **Findings** | * Recognises changes in a graph * Identifies the part of the graph that could help them answer their question | * Makes statements about what their data shows * Uses their collected data to answer their question | * Identifies the parts of their data most relevant to answering their question * Suggests other questions that their data could answer |  |
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| **Teacher feedback** |  |
| **Pupil response to feedback** |  |

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